

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1310054

Luminaire Tested: LDSQA3D05R359035DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310054
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359035DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

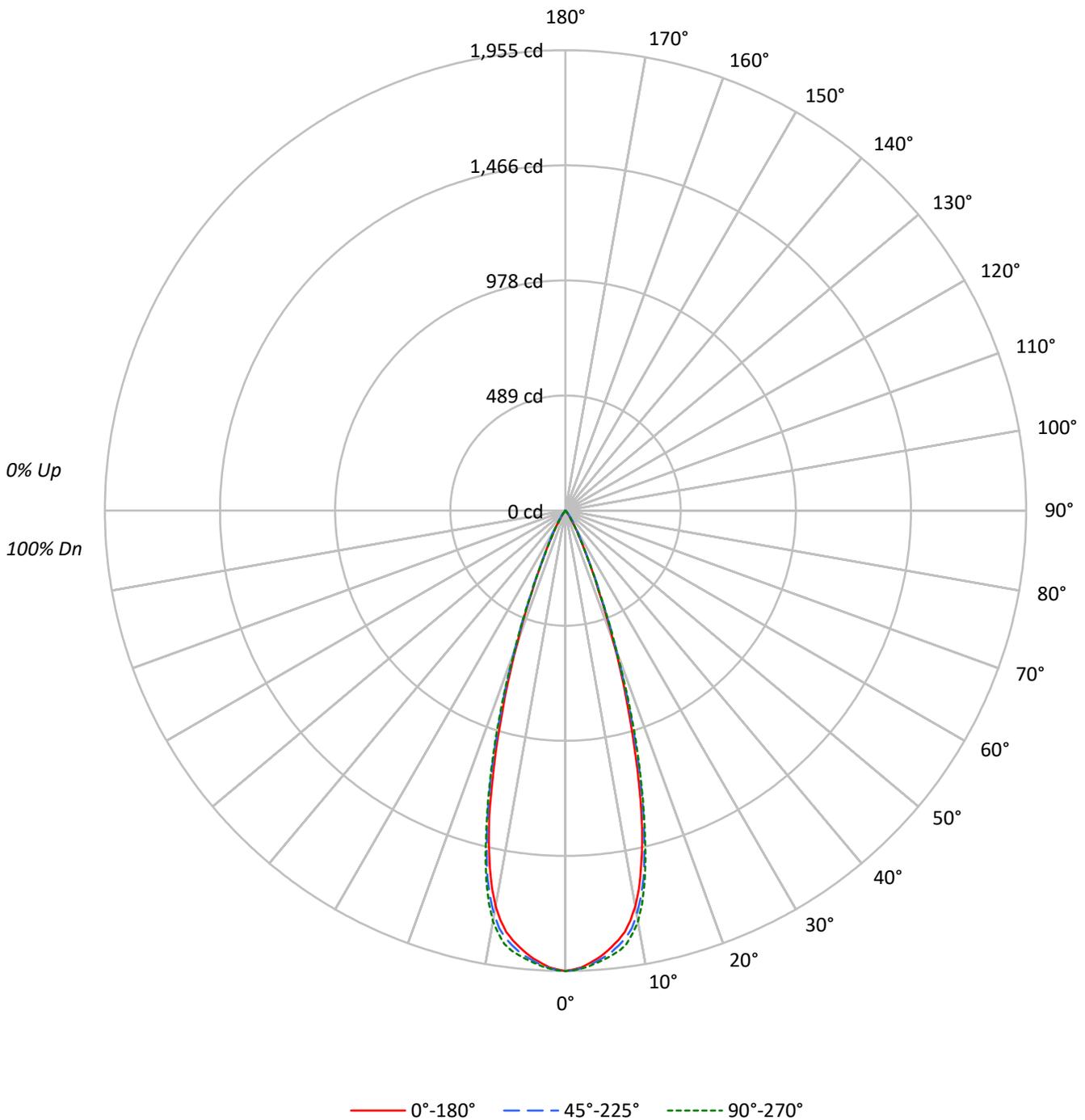
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 651.0 lumens
Efficiency: N/A
Efficacy: 90.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96	96	
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93	93	
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89	89	
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86	86	
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83	83	
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80	80	
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78	78	
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75	75	
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73	73	
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71	71	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	336730	336730	336730
5°	326519	328836	330617
10°	298379	304692	309921
15°	214582	223960	225797
20°	109251	114730	115005
25°	41445	42319	41160
30°	16108	18654	15690
35°	5529	8662	5193
40°	1844	3372	1731
45°	122	1120	122
50°	0	134	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1120 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.0	27.2
10°-20°	329.8	50.7
20°-30°	118.5	18.2
30°-40°	23.1	3.6
40°-50°	2.6	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
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0°-30°	625.3	96.0
0°-40°	648.4	99.6
0°-60°	651.0	100.0
0°-90°	651.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	651.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1955	1955	1955	1955	1955	
5°	1889	1894	1902	1911	1912	175
15°	1204	1224	1256	1265	1266	320
25°	218	220	223	221	217	114
35°	26	30	41	30	25	20
45°	0	2	5	2	0	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1955.2	1955.2	1955.2	1955.2	1955.2
1°	1949.6	1952.1	1952.7	1956.3	1952.1
2°	1941.3	1942.9	1944.9	1948.0	1946.0
3°	1925.3	1928.4	1933.1	1937.2	1937.2
4°	1908.3	1912.4	1918.1	1925.3	1924.8
5°	1888.7	1893.9	1902.1	1910.9	1912.4
6°	1864.0	1870.2	1883.6	1895.9	1898.0
7°	1837.7	1847.0	1859.8	1877.9	1882.5
8°	1806.7	1814.0	1832.5	1853.7	1858.8
9°	1761.4	1772.2	1795.9	1815.5	1818.6
10°	1706.2	1713.9	1742.3	1762.9	1772.2
11°	1635.0	1646.4	1674.2	1695.4	1701.5
12°	1544.3	1560.8	1593.3	1608.7	1613.9
13°	1446.3	1460.2	1485.5	1504.6	1508.7
14°	1336.0	1349.4	1375.7	1391.1	1387.5
15°	1203.5	1223.6	1256.1	1264.8	1266.4
17.5°	888.9	901.8	930.7	944.6	954.4
20°	596.1	608.4	626.0	635.2	627.5
22.5°	362.5	372.8	382.1	381.6	379.0
25°	218.1	220.2	222.7	221.2	216.6
27.5°	127.4	133.0	140.8	135.6	127.9
30°	81.0	85.6	93.8	85.1	78.9
32.5°	42.8	54.1	62.9	51.0	44.9
35°	26.3	29.9	41.2	30.4	24.7
37.5°	16.0	18.6	25.8	18.0	14.4
40°	8.2	11.9	15.0	10.8	7.7
42.5°	2.6	5.7	8.2	5.2	2.6
45°	0.5	1.5	4.6	1.5	0.5
47.5°	0.0	0.0	2.1	0.5	0.0
50°	0.0	0.0	0.5	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)